

INTERNATIONAL SEARCH REPORT

International Application No
/US2004/011534

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L21/762 H01L21/312

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/110665 A1 (RUTTER EDWARD W ET AL) 15 August 2002 (2002-08-15) paragraphs '0056!, '0076! - '0078!	1, 11, 19, 24, 25
A	US 2002/183476 A1 (BERES KELLY M ET AL) 5 December 2002 (2002-12-05) the whole document	1-25
A	US 2002/198353 A1 (Y LAU KREISTLER S ET AL) 26 December 2002 (2002-12-26) the whole document	1-25
A	US 6 280 794 B1 (XU YUHUAN ET AL) 28 August 2001 (2001-08-28) the whole document	1-25

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

5 October 2004

Date of mailing of the international search report

13/10/2004

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kenevey, K

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/US2004/011534

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002110665	A1	15-08-2002	US 6461717 B1 EP 1150343 A2 JP 2002047430 A TW 550705 B	08-10-2002 31-10-2001 12-02-2002 01-09-2003
US 2002183476	A1	05-12-2002	US 6413202 B1 US 6291628 B1 US 2003191275 A1 AU 2572799 A AU 5491799 A WO 9938910 A1 WO 0043836 A1	02-07-2002 18-09-2001 09-10-2003 16-08-1999 07-08-2000 05-08-1999 27-07-2000
US 2002198353	A1	26-12-2002	US 6761975 B1 AU 2444701 A EP 1243003 A1 JP 2003518191 T WO 0146963 A1	13-07-2004 03-07-2001 25-09-2002 03-06-2003 28-06-2001
US 6280794	B1	28-08-2001	NONE	